

Converting Colors

YUV(154.9100, 3.4954, 45.6829)

Have a look what the booklet for
YUV(154.9100, 3.4954, 45.6829)
contains.

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Color

**YUV(154.9100, 3.4954,
45.6829)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7FA2
RGB	207, 127, 162
RGB Percent	81%, 50%, 64%
CMY	0.1882, 0.5020, 0.3647
CMYK	0.00, 0.39, 0.22, 0.19
HSL	334°, 45%, 65%
HSV	334°, 39%, 81%
XYZ	39.8431, 31.0528, 38.0762
YIQ	154.9100, 36.4450, 27.8450

Conversions

Conversions Part 2

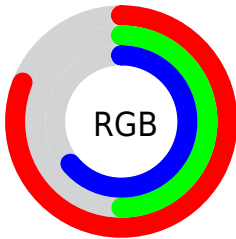
Format	Color
R _Y B	207, 127, 162
Decimal	13598626
CIE Lab	62.55, 35.62, -5.47
CIE LCh	63, 36.035, 351.268
Yxy	31.0528, 0.3656, 0.2850
Android (android.graphics.Color)	4291788706 (0xFFCF7FA2)
YUV	154.9100, 3.4954, 45.6829
Hunter-Lab	55.7250, 30.1077, -1.5046

Details

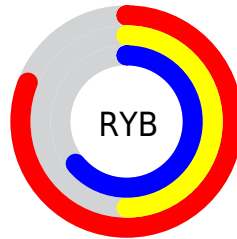
The YUV color **154.9100, 3.4954, 45.6829** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **179.0900, -3.4954, -45.6829**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.2300, 4.8166, 41.8943**, and **102.3010, 3.7956, 42.7090** is the 20% darker color. If you saturate the color by 10%, you get **141.2150, 4.3310, 57.6934**, and if you desaturate by 10%, it is **168.6050, 2.6597, 33.6724**.

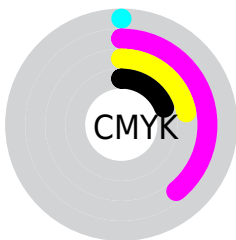
Distribution



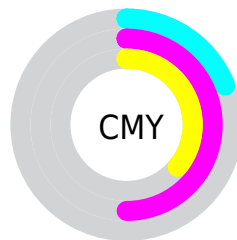
- Red (81%)
- Green (50%)
- Blue (64%)



- Red (81%)
- Yellow (50%)
- Blue (64%)



- Cyan (0%)
- Magenta (39%)
- Yellow (22%)
- Black (19%)





- Cyan (19%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.9100, 3.4954, 45.6829 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 154.9100, 3.4954, 45.6829 by changing the saturation by 10% instead.


 154.9100, 3.4954,
45.6829

 154.9100, 3.4954,
45.6829


255.0000, 0.0000,
0.0000


 128.3120, 3.7902,
44.4534

 207.2300, 4.8166,
41.8943


 102.3010, 3.7956,
42.7090

 226.8580, 8.9440,
24.6805

 76.8170, 4.5272,
41.3795

 245.0210, 4.9196,
8.7516

 51.4470, 5.6956,
39.9500

 26.2020, 7.2954,
40.1648

 17.0450, 1.9498,
28.0245

 2.6910, -1.3267,

5.5330

■ 0.0000, 0.0000,
0.0000

■ 154.9100, 3.4954,
45.6829

■ 154.9100, 3.4954,
45.6829

■ 141.2150, 4.3310,
57.6934

■ 168.6050, 2.6597,
33.6724

■ 128.2210, 5.3140,
69.0892

■ 181.5990, 1.6767,
22.2767

■ 114.5260, 6.1497,
81.0997

■ 195.2940, 0.8411,
10.2662

■ 100.8310, 6.9853,
93.1102

■ 208.9890, 0.0054,
-1.7444

■ 87.2500, 8.2577,
105.0208

■ 222.5700, -1.2670,
-13.6549

■ 74.1420, 8.8040,
116.5165

■ 235.6780, -1.8133,
-25.1506

■ 72.2670, 9.2354,
118.1608

■ 239.3940, 2.2708,
-28.4095

■ 240.6480, 7.0755,
-29.5093

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



155.5510, 17.9694, 23.1958



154.9100, 3.4954, 45.6829



153.0560, -11.3666, 52.5709

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



154.9100, 3.4954, 45.6829



146.3830, -27.7968, 2.2951



123.2430, 37.8412, -97.5601

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



154.9100, 3.4954, 45.6829



179.0900, -3.4954, -45.6829

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



118.3380, 26.9484, -103.7824



154.9100, 3.4954, 45.6829



142.2960, -15.9219, -26.5696

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



154.9100, 3.4954, 45.6829



149.5540, -30.3461, 26.7011



135.2070, 2.3629, -58.0635



142.2690, 35.3634, -49.3479

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



154.9100, 3.4954, 45.6829



152.3300, -20.3757, 48.8226



135.2070, 2.3629, -58.0635



119.3300, 35.8263, -104.6524

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



154.9100, 3.4954, 45.6829



234.8650, 1.5456, 17.6584



149.2760, 28.4579, 19.0519



116.1800, 0.4043, 10.3661



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



154.9100, 3.4954, 45.6829



178.7970, 5.0301, 66.8300



153.2680, -12.9501, 47.1230



97.8590, 0.5625, 6.2627



58.6680, 7.5587, 95.8842



14.3110, 1.8187, 23.4063

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



154.9100, 3.4954, 45.6829



178.7970, 5.0301, 66.8300



180.7320, 12.9501, -47.1230



97.8590, 0.5625, 6.2627



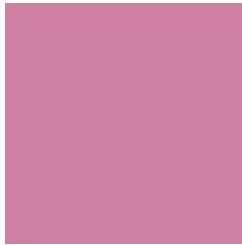
58.6680, 7.5587, 95.8842



14.3110, 1.8187, 23.4063

Previews

White Background



This preview shows how the YUV color 154.9100, 3.4954, 45.6829 looks on a white background.

Color Contrast Check

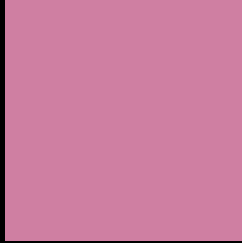
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 154.9100, 3.4954, 45.6829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

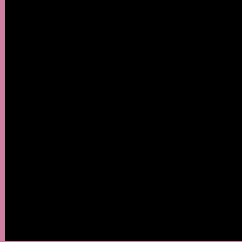
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.9100, 3.4954, 45.6829

Background



This preview shows how black text looks on a background with the YUV color 154.9100, 3.4954, 45.6829.



This preview shows how white text looks on a background with the YUV color 154.9100, 3.4954,

45.6829.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

154.9100, 3.4954, 45.6829

Protanopia

152.1810, 12.2358, -4.5437

Deuteranopia

153.0380, 2.4463, 8.7367



Tritanopia

154.2660, -6.5401, 44.4937

Trichromacy



Original Color

154.9100, 3.4954, 45.6829

Protanomaly

153.4930, 9.1240, 13.5996

Deuteranomaly

153.8270, 2.5503, 22.0767

Tritanomaly

154.8900, -2.9038, 44.8235

Monochromacy



Original Color

154.9100, 3.4954, 45.6829

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.1530, 1.4036, 16.5288

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.9100, 3.4954, 45.6829 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(207, 127, 162)` looks like.

```
.text, #text, p{  
    color:rgb(207, 127, 162)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 127, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 127, 162) }
```

Border

The CSS property to change the border of an element to YUV 154.9100, 3.4954, 45.6829 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 127, 162) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(207, 127, 162) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(207, 127, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 127, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 127, 162);  
box-shadow:4px 4px 4px 4px rgb(207, 127,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 154.9100, 3.4954, 45.6829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 127, 162) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207,  
127, 162) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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